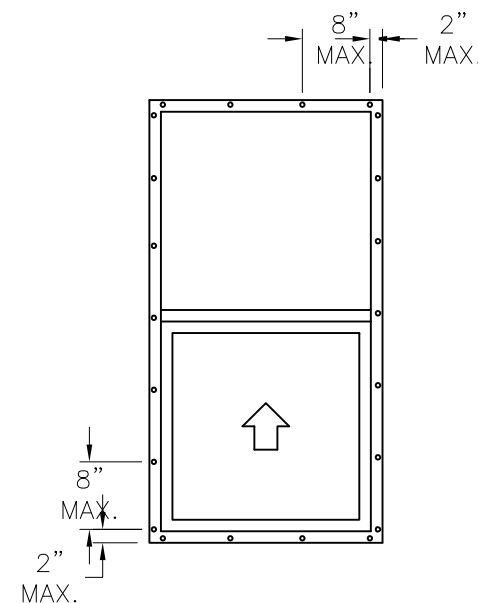


Detail A:
HP Sill Configuration

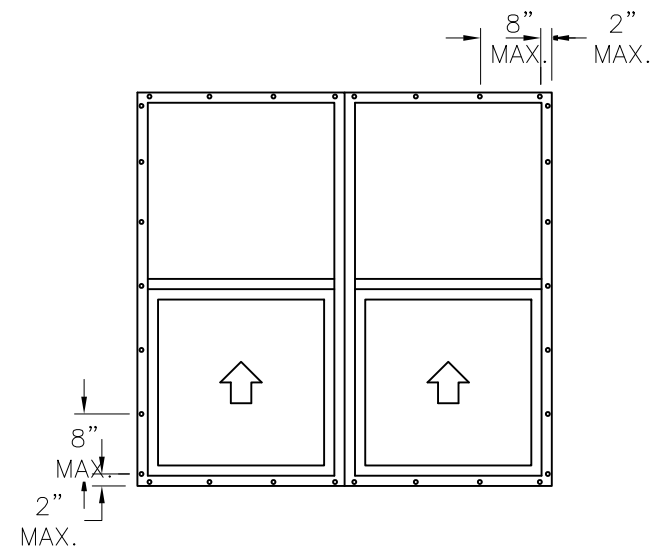
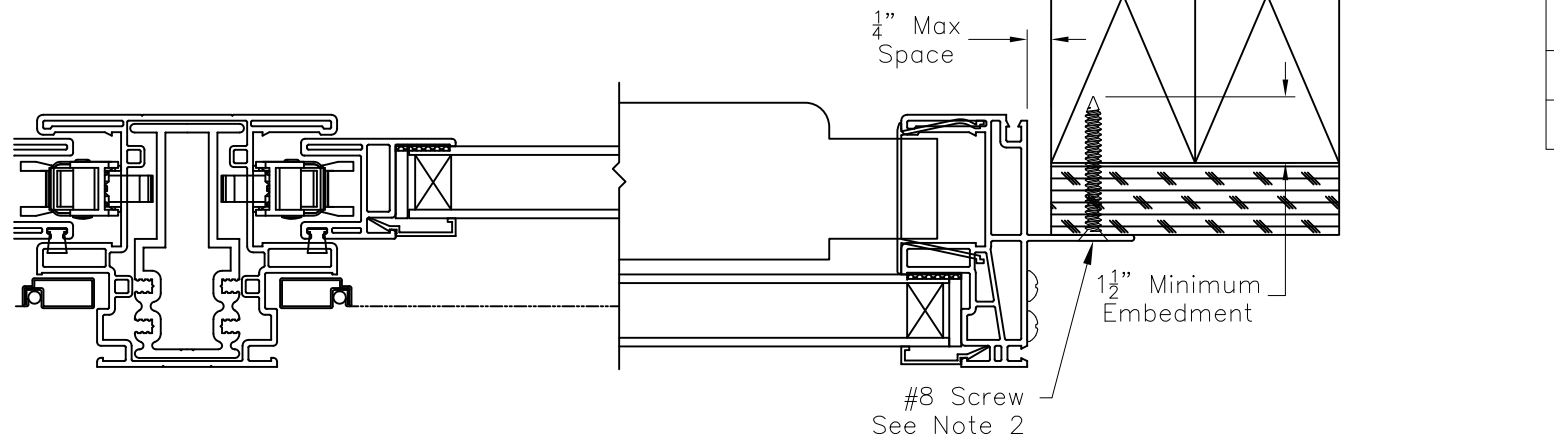
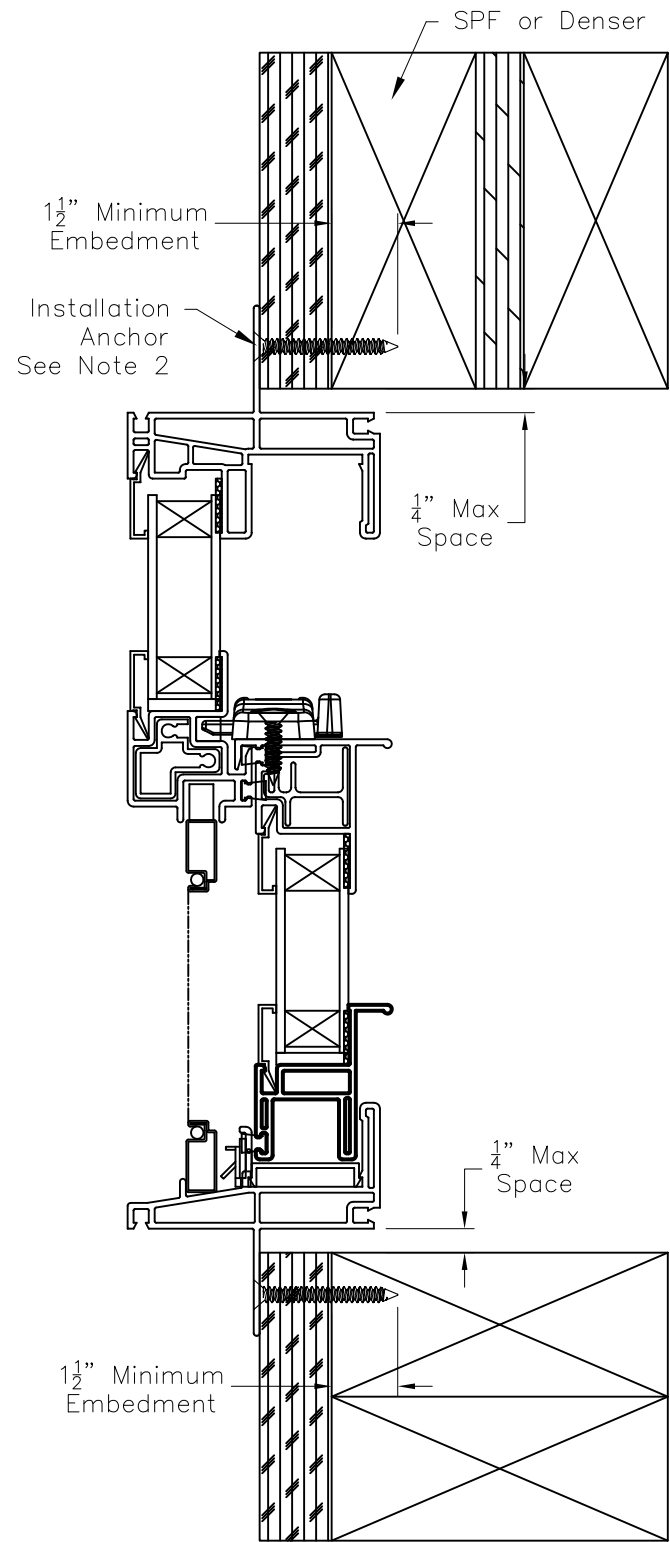


Elevation View

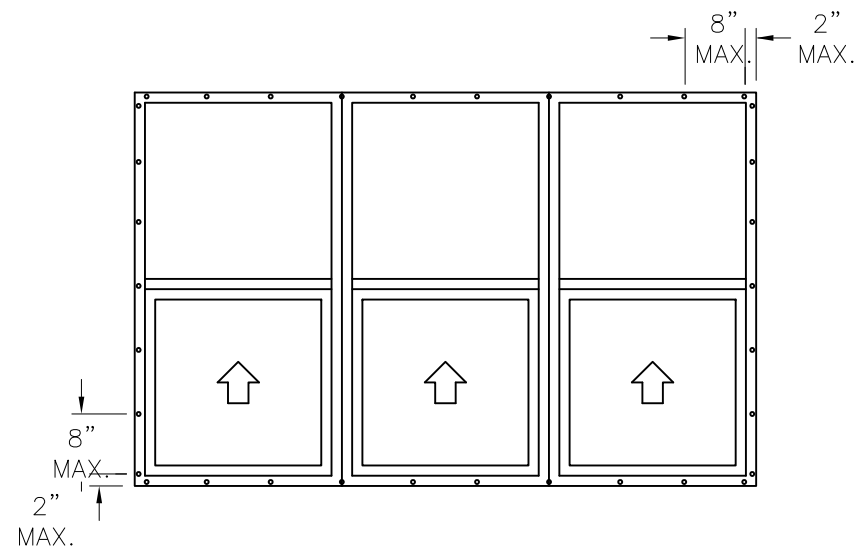
Table 1 – Verified Installations			
Config.	DP (psf)	Width (in)	Height (in)
Std Sill	+/- 25	48	96
HP Sill	+/-50	36	96

- NOTES:
- INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. INSTALLATION ANCHOR CAPACITY HAS ALSO BEEN VERIFIED FOR THE ANCHOR SIZE, SUBSTRATE AND INSTALLED CONDITION. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
 - INSTALLATION ANCHORS SHALL BE NAILS OR #8 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1.5" INTO WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
 - WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSO.
 - INSTALLATION ANCHORS ARE SHOWN GOING THROUGH EXTERIOR FINISH. ANCHORS MAY BE INSTALLED DIRECTLY INTO WOOD FRAMING MEMBER WITH 1.5" MINIMUM EMBEDMENT STILL REQUIRED.
 - INSTALLATION ANCHORS SHALL BE LOCATED 2" FROM CORNERS AND 8" MAXIMUM ON CENTER SPACING.
 - THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
 - SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING.
 - GLAZING TYPE, GLASS TYPE, AND GLASS THICKNESS ARE ESTABLISHED BY THE CERTIFICATION AND SHALL SATISFY ASTM E1300. GLAZING TYPE SHALL BE INSULATING GLASS.
 - PRODUCTS LISTED IN TABLE 1 ARE NOT IMPACT RESISTANT. IF USED IN WIND-BORNE DEBRIS REGIONS, APPROVED PROTECTION DEVICES ARE REQUIRED.
 - PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ).

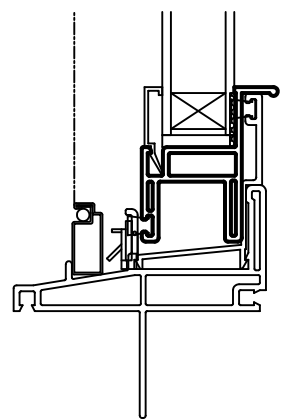
<div>THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL TO ATRIUM COMPANIES, INC. AND SHALL NOT BE REPRODUCED, COPIED, OR DISSEMINATED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF ATRIUM COMPANIES, INC.</div> <div>ATRIUM COMPANIES, INC.</div>		No.	Date	Revision Description	By	ECN #
		2	12-6-07	Cleaned up drawing and updated it to the most current format. Added weep gate hardware.	CRA	Not Issued
		3	2-27-09	Added 3" OA IG detail.	DJC	2009-1536
		4	3-11-10	Updated CAD format and corrected profile geometry. Corrected FMR location and updated sash, glass, and screen sizes. Completely redraw drawing.	CRA	2009-1690
		5	06-28-2010	Updated installation to add nails and add 48x72 DP35.	JTS	2010-1803
		6	8-17-2011	Updated installation details to reflect new results	JTS	2011-1977
Title: Atrium Series 5700 Single Hung New Construction Installation Drawing		Material (Type-Alloy-Temper): ----		Est. Area (in ²): NA	Tolerances: X.XX = ±X.XX X.XXX = ±X.XXX X.X" = ±X.X"	
		Drawn By: SK	Approved By: DEH	Date: 1-21-2004	Scale: 1:2	Sheet Size: ANSI B
		ECN# (Initial Issue): Not Issued		File Name: ADW-01 5700 8050 SH ASSY		
				Sheet 4/8		



Elevation View



Elevation View

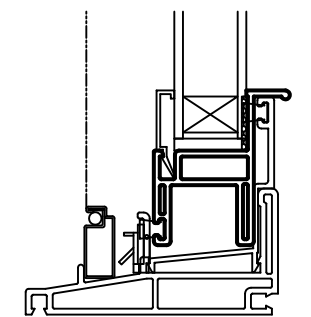
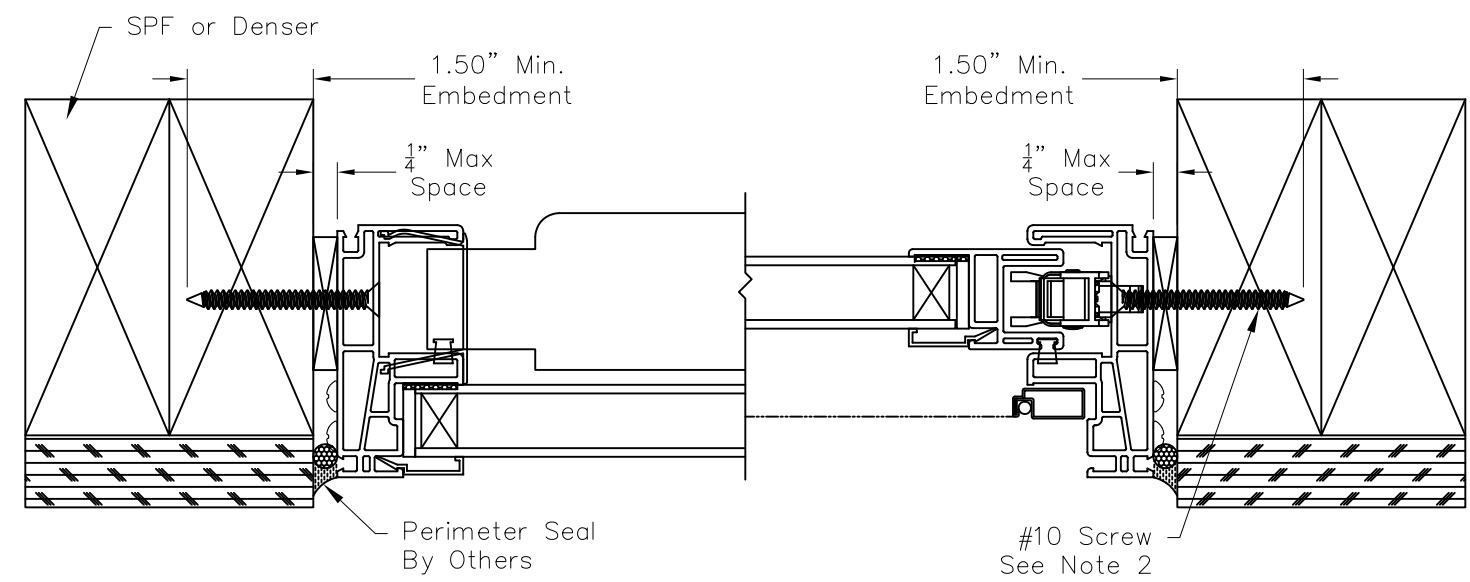
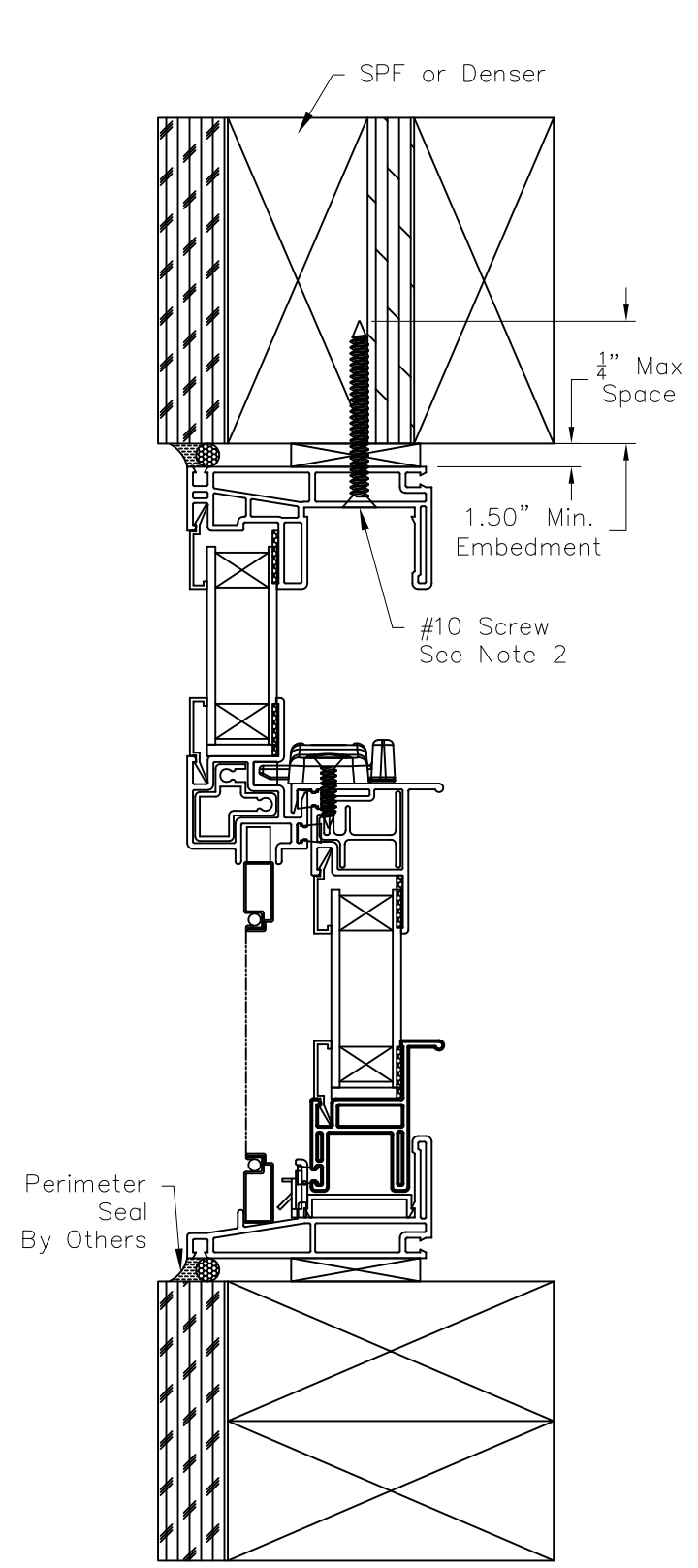


Detail A:
HP Sill Configuration

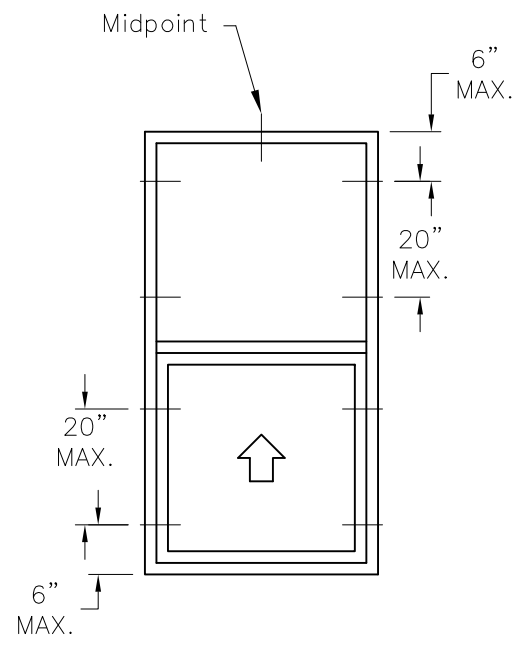
Table 1 – Verified Installations			
Config.	DP (psf)	Width (in)	Height (in)
Triple – HP Sill	+/- 40	108	84
Twin – HP Sill	+/- 50	72	72

- NOTES:
- INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. INSTALLATION ANCHOR CAPACITY HAS ALSO BEEN VERIFIED FOR THE ANCHOR SIZE, SUBSTRATE AND INSTALLED CONDITION. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
 - INSTALLATION ANCHORS SHALL BE #8 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1.5" INTO WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
 - WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSER.
 - INSTALLATION ANCHORS ARE SHOWN GOING THROUGH EXTERIOR FINISH. ANCHORS MAY BE INSTALLED DIRECTLY INTO WOOD FRAMING MEMBER WITH 3/4" MINIMUM EMBEDMENT STILL REQUIRED.
 - INSTALLATION ANCHORS SHALL BE LOCATED 2" FROM CORNERS AND 8" MAXIMUM ON CENTER SPACING.
 - THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
 - SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING.
 - GLAZING TYPE, GLASS TYPE, AND GLASS THICKNESS ARE ESTABLISHED BY THE CERTIFICATION AND SHALL SATISFY ASTM E1300. GLAZING TYPE SHALL BE INSULATING GLASS.
 - PRODUCTS LISTED IN TABLE 1 ARE NOT IMPACT RESISTANT. IF USED IN WIND-BORNE DEBRIS REGIONS, APPROVED PROTECTION DEVICES ARE REQUIRED.
 - PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ).

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	1	6-8-05	Created sill extender detail.	SK	Not Issued
	2	12-6-07	Cleaned up drawing and updated it to the most current format. Added weep gate hardware.	CRA	Not Issued
	3	2-27-09	Added 3" OA IG detail.	DJC	2009-1536
	4	3-11-10	Updated CAD format and corrected profile geometry. Corrected FMR location and updated sash, glass, and screen sizes. Completely redraw drawing.	CRA	2009-1690
Material (Type-Alloy-Temper): -----		Est. Area (in ²): NA Est. Weight (lb/ft): NA		Tolerances: X.XX = ±X.XX X.XXX = ±X.XXX X.X" = ±X.X"	
Drawn By: SK		Approved By: DEH		Date: 1-21-2004	Scale: 1:2
ECN# (Initial Issue): Not Issued		File Name: ADW-01 5700 8050 SH ASSY		Sheet Size: ANSI B	
				Sheet 5/8	



Detail A:
HP Sill Configuration



Elevation View

Table 1 – Verified Installations			
Config.	DP (psf)	WIDTH (in)	HEIGHT (in)
Std Sill	+/- 25	48	96
HP Sill	+/- 50	36	96

- NOTES:
1. INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. INSTALLATION ANCHOR CAPACITY HAS ALSO BEEN VERIFIED FOR THE ANCHOR SIZE, SUBSTRATE AND INSTALLED CONDITION. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
 2. INSTALLATION ANCHORS SHALL BE #10 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1.5" INTO WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
 3. WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSER.
 4. INSTALLATION ANCHORS SHALL BE LOCATED IN THE HEAD AT THE MIDPOINT, AND IN THE JAMBS 6" FROM CORNERS AND 20" MAX ON-CENTER SPACING THEREAFTER.
 5. ANCHORS SHALL BE LOCATED WITHIN 1/2" OF THE INDICATED LOCATION. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SPACE IS 1/4".
 6. THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
 7. SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING.
 8. GLAZING TYPE, GLASS TYPE, AND GLASS THICKNESS ARE ESTABLISHED BY THE CERTIFICATION AND SHALL SATISFY ASTM E1300. GLAZING TYPE SHALL BE INSULATING GLASS.
 9. PRODUCTS LISTED IN TABLE 1 ARE NOT IMPACT RESISTANT. IF USED IN WIND-BORNE DEBRIS REGION THEN APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED.
 10. PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ).

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	1		6-8-05	Created sill extender detail.	SK	Not Issued
	2		12-6-07	Cleaned up drawing and updated it to the most current format. Added weep gate hardware.	CRA	Not Issued
	3		2-27-09	Added 3" OA IG detail.	DJC	2009-1536
	4		3-11-10	Updated CAD format and corrected profile geometry. Corrected FMR location and updated sash, glass, and screen sizes. Completely redraw drawing.	CRA	2009-1690
	5		8-17-2011	Updated installation details to reflect new results	JTS	2011-1977
<div>Title:</div> <div>Atrium Series 8050 Single Hung Replacement Installation Drawing</div>	Material (Type-Alloy-Temper):		Est. Area (in ²): NA		Tolerances: X.XX = ±X.XX	
	-----		Est. Weight (lb/ft): NA		X.XXX = ±X.XXX	
	Drawn By:		Approved By:	Date:	Scale:	Sheet Size:
	SK		DEH	1-21-2004	1:2	ANSI B
ECN# (Initial Issue):		File Name:		Sheet 6/8		
Not Issued		ADW-01 5700 8050 SH ASSY				